

Title (en)

Method of purging air from a braking hydraulic pressure control system for a vehicle.

Title (de)

Verfahren zum Ablassen von Luft von der Regelvorrichtung für den hydraulischen Bremsdruck eines Fahrzeugs.

Title (fr)

Méthode pour purger l'air du dispositif de contrôle de la pression hydraulique de freinage d'une voiture.

Publication

EP 0968896 A2 20000105 (EN)

Application

EP 99108510 A 19990503

Priority

JP 18595898 A 19980701

Abstract (en)

A braking hydraulic pressure control apparatus for a vehicle comprising switching valve means capable of switching between communicating and shut-off states between a master cylinder and hydraulic passages, and between communicating and shut-off states between the master cylinder and open passages. A driving-wheel control valve means is also provided for controlling hydraulic pressure in driving-wheel brakes, and pumps whose inlet ports are connected to respective reservoirs and whose discharge ports are connected to respective hydraulic passages. The open passages are connected to the inlet ports of the respective pumps to improve the ability to remove air from the hydraulic pressure system, and allow simpler air-removing equipment to be utilized. The switching valve means comprise opened-type and closed-type electromagnetic valves. Opened-type electromagnetic valves are positioned between the master cylinder and the hydraulic passages. Closed-type electromagnetic valves are positioned between the master cylinder and the open passages. When air is removed by drawing a vacuum in the direction of the master cylinder before it is filled with brake fluid, the closed-type electromagnetic valves are excited and opened. <IMAGE>

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CPC (source: EP US)

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